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AP - JP19900250748 19900920
CPY - TOPP
DC - E13 E23 G06 P76 P83 T03 W04
FS - CPI;GMPI;EPI
IC - B42D15/10 ; G03C1/685 ; G11B7/24
MC - E06-A01 E06-D01 E26-B G04-A G06-A02 G06-C06 G06-D07
- T03-B01B5L W04-C01B
M3 - [01] D012 D014 D016 D023 D041 D120 D602 H1 H181 H2 H201 H341 H342 H600
H608 H641 H642 L143 L199 M210 M211 M212 M213 M214 M215 M216 M220 M221
M222 M223 M224 M225 M226 M231 M232 M233 M240 M273 M281 M282 M320 M412
M512 M520 M530 M540 M781 M903 M904 Q318 Q346 R043; 04565; 9224-B9401-U
M4 - [02] D012 D014 D016 D023 D041 D120 D602 H1 H181 H2 H201 H341 H342 H600
H608 H641 H642 L143 L199 M210 M211 M212 M213 M214 M215 M216 M220 M221
M222 M223 M224 M225 M226 M231 M232 M233 M240 M273 M281 M282 M320 M412
M512 M520 M530 M540 M781 M903 M904 Q318 Q346 R043 W003 W030; 04565;
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PA - (TOPP) TOPPAN PRINTING CO LTD
PN - JP4128834 A 19920430 DW199224 G03C1/685 004pp
PR - JP19900250748 19900920
XA - C1992-089531
XIC - B42D-015/10 ; G03C-001/685 ; G11B-007/24
XP - N1992-148670
AB - J04128834 Optical recording medium has a light shutter layer
comprising dye having reverse chromism which is reversibly changed
between transmission and non-transmission to the recording and
reproducing light, on an optical recording layer. The optical
recording shutter layer is operated by a UV beam or the visible light.
The light shutter layer is at the side opposite the optical recording
layer, of the transparent base.
- Pref., the indoline spiropyran cpd. of (I) is used as the reverse
photochromic dye. In (I), R is alkyl, and K1 and K2 are electron
absorbing gps. e.g., NO₂, CN or halogen.
- USE/ADVANTAGE - Recording information of the optical recording medium
is not recorded and reproduced by an ordinary recording and
reproducing unit, so that the contents of the recording may be kept
with high safety. The optical recording medium of high security
property may be obtd..
- (Dwg.1/2)
CN - 9224-B9401-U
IW - HIGH SECURE OPTICAL RECORD MEDIUM DYE REVERSE REVERSE CHANGE
TRANSMISSION NON TRANSMISSION RECORD REPRODUCE LIGHT
IKW - HIGH SECURE OPTICAL RECORD MEDIUM DYE REVERSE REVERSE CHANGE
TRANSMISSION NON TRANSMISSION RECORD REPRODUCE LIGHT
NC - 001
OPD - 1990-09-20
ORD - 1992-04-30
PAW - (TOPP) TOPPAN PRINTING CO LTD
RRL - 04565
TI - High security optical recording medium - includes dye having reverse
chromism reversibly changed between transmission and non-transmission

to recording and reproducing light